10/824237 STN 8/8/06 1-4

(FILE 'HOME' ENTERED AT 10:48:28 ON 08 AUG 2006)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 10:48:45 ON 08 AUG 2006

SEA (P(W) HYDROXYSTYRENE OR PARA(W) HYDROXYSTYRENE OR PARA-HYDR

2	FILE ADISCTI
1	FILE ADISINSIGHT
1	FILE ADISNEWS
773	FILE AGRICOLA
557	FILE ANABSTR
29	FILE ANTE
16	FILE AQUALINE
30	FILE AQUASCI
247	FILE BIOENG
2859	FILE BIOSIS
382	FILE BIOTECHABS
382	FILE BIOTECHDS
419	FILE BIOTECHNO
1413	FILE CABA
21535	FILE CAPLUS
104	FILE CEABA-VTB
55	FILE CIN
40	FILE CONFSCI
65	FILE CROPB
328	FILE CROPU
919	FILE DDFB
253	FILE DDFU
317	FILE DGENE
207	FILE DISSABS
919	FILE DRUGB
15	FILE DRUGMONOG2
324	FILE DRUGU
16	FILE EMBAL
2241	FILE EMBASE
708	FILE ESBIOBASE
1	FILE FOMAD
383	FILE FROSTI
499	FILE FSTA
7548	FILE GENBANK
8	FILE HEALSAFE
2917	FILE IFIPAT
4	FILE IMSPRODUCT
426	FILE JICST-EPLUS
126	FILE KOSMET
428	FILE LIFESCI
1227	FILE MEDLINE
10	FILE OCEAN
2962	FILE PASCAL
3	FILE PHAR
6	FILE PHIN
148	FILE PROMT
110	FILE PROUSDDR
9	FILE PS
35	FILE RDISCLOSURE
2998	FILE SCISEARCH
48	FILE SYNTHLINE
2597	FILE TOXCENTER
25184	FILE USPATFULL
2981	FILE USPAT2
9	FILE VETB

STN SEARCH 10/824237

1 OF 11 USPATFULL on STN DUPLICATE 1
TI Method for producing para-hydroxystyrene and other multifunctional aromatic compounds using two-phase extractive fermentation

L11 ANSWER 2 OF 11 USPATFULL on STN
TI Affinity proteins for controlled application of cosmetic substances

L11 ANSWER 3 OF 11 USPATFULL on STN
TI Whole cell engineering by mutagenizing a substantial portion of a starting genome, combining mutations, and optionally repeating

L11 ANSWER 4 OF 11 USPATFULL on STN
TI Methods for the preparation of para-hydroxycinnamic acid and cinnamic acid at alkaline PH

L11 ANSWER 5 OF 11 USPATFULL on STN
TI Method and compositions for identifying anti-HIV therapeutic compounds

L11 ANSWER 6 OF 11 USPATFULL on STN
TI Cellular accumulation of phosphonate analogs of HIV protease inhibitor compounds

L11 ANSWER 7 OF 11 USPATFULL on STN
TI Method for preparing para-hydroxystyrene by biocatalytic decarboxylation of para-hydroxycinnamic acid in a biphasic reaction medium

L11 ANSWER 8 OF 11 USPATFULL on STN
TI Whole cell engineering by mutagenizing a substantial portion of a starting genome, combining mutations, and optionally repeating

L11 ANSWER 9 OF 11 USPATFULL on STN
TI Morinda Citrifolia (Noni) enhanced cosmetic skin care toner

L11 ANSWER 10 OF 11 USPATFULL on STN
TI Unsaturated or substituted methyl ethers having antibiotic activity

```
   10   FILE VETU
   23   FILE WATER
   12   FILE WPIFV
 3797   FILE WPINDEX
L1      QUE (P(W) HYDROXYSTYRENE OR PARA(W) HYDROXYSTYRENE OR PARA-HYDR
        ---------
        SEA (DIISOPENTYL (W) ETHER OR N-PROPYL(W) BENZOATE OR 2-UNDECAN
        ---------
  102   FILE AGRICOLA
   40   FILE ANABSTR
   11   FILE ANTE
    9   FILE AQUALINE
    3   FILE AQUASCI
   68   FILE BIOENG
  260   FILE BIOSIS
   26   FILE BIOTECHABS
   26   FILE BIOTECHDS
   29   FILE BIOTECHNO
  215   FILE CABA
 5123   FILE CAPLUS
   54   FILE CEABA-VTB
    1   FILE CIN
    8   FILE CONFSCI
   29   FILE CROPB
   62   FILE CROPU
    8   FILE DDFB
   12   FILE DDFU
   47   FILE DGENE
   42   FILE DISSABS
    8   FILE DRUGB
   13   FILE DRUGU
    3   FILE EMBAL
  112   FILE EMBASE
   74   FILE ESBIOBASE
   29   FILE FROSTI
   53   FILE FSTA
    1   FILE GENBANK
    1   FILE HEALSAFE
  294   FILE IFIPAT
   54   FILE JICST-EPLUS
    3   FILE KOSMET
  112   FILE LIFESCI
   82   FILE MEDLINE
    1   FILE OCEAN
  196   FILE PASCAL
    1   FILE PHAR
    1   FILE PHIN
   15   FILE PROMT
    5   FILE RDISCLOSURE
  410   FILE SCISEARCH
   10   FILE SYNTHLINE
  545   FILE TOXCENTER
 2538   FILE USPATFULL
  205   FILE USPAT2
    3   FILE WATER
  246   FILE WPINDEX
L2      QUE (DIISOPENTYL (W) ETHER OR N-PROPYL(W) BENZOATE OR 2-UNDECAN
        ---------
        SEA (FERMENTION OR CULTURE OR FERMENT OR FERMENTOR) AND (EXTRAC
        ---------
   25   FILE ADISCTI
    8   FILE ADISINSIGHT
    6   FILE ADISNEWS
 1583   FILE AGRICOLA
```

10/824237 STN 3-4

```
   309   FILE ANABSTR
    66   FILE ANTE
   269   FILE AQUALINE
  1590   FILE AQUASCI
  3292   FILE BIOENG
 11912   FILE BIOSIS
 18644   FILE BIOTECHABS
 18644   FILE BIOTECHDS
  6040   FILE BIOTECHNO
  6860   FILE CABA
  2854   FILE CAPLUS
  1008   FILE CEABA-VTB
    53   FILE CIN
    12   FILE CONFSCI
    59   FILE CROPB
  1491   FILE CROPU
   193   FILE DDFB
  2358   FILE DDFU
  3541   FILE DGENE
   972   FILE DISSABS
   193   FILE DRUGB
     6   FILE DRUGMONOG2
  3938   FILE DRUGU
    70   FILE EMBAL
 14792   FILE EMBASE
  4187   FILE ESBIOBASE
     1   FILE FOREGE
   612   FILE FROSTI
  1735   FILE FSTA
 11722   FILE GENBANK
    63   FILE HEALSAFE
  3565   FILE IFIPAT
     2   FILE IMSDRUGNEWS
     4   FILE IMSRESEARCH
  2355   FILE JICST-EPLUS
   160   FILE KOSMET
  4906   FILE LIFESCI
  8724   FILE MEDLINE
     8   FILE NUTRACEUT
   406   FILE OCEAN
  7138   FILE PASCAL
     6   FILE PHAR
     6   FILE PHARMAML
    71   FILE PHIN
  2837   FILE PROMT
     2   FILE PROUSDDR
    30   FILE RDISCLOSURE
  7200   FILE SCISEARCH
     1   FILE SYNTHLINE
  4089   FILE TOXCENTER
 93509   FILE USPATFULL
  8852   FILE USPAT2
    15   FILE VETB
   170   FILE VETU
   299   FILE WATER
    50   FILE WPIFV
  8834   FILE WPINDEX
L3       QUE (FERMENTION OR CULTURE OR FERMENT OR FERMENTOR) AND (EXTRAC
         ---------
         SEA L1 AND L2 AND L3
         ---------
         1   FILE BIOTECHABS
         1   FILE BIOTECHDS
         1   FILE CAPLUS
```

10/824237

STN 4-4

```
                1   FILE IFIPAT
               10   FILE USPATFULL
L4              QUE L1 AND L2 AND L3
                ---------
                SEA L4 AND (PD<=APRIL 14 2003 OR PD<=030414 OR PRD<=APRIL 14200
                ---------
                0*  FILE ADISCTI
                SEA L4
                ---------
                1   FILE BIOTECHABS
                1   FILE BIOTECHDS
                1   FILE CAPLUS
                1   FILE IFIPAT
               10   FILE USPATFULL
L5              QUE L4
                ---------

     FILE 'USPATFULL, BIOTECHDS, CAPLUS, IFIPAT' ENTERED AT 11:11:44 ON 08 AUG
     2006

     FILE 'USPATFULL, BIOTECHDS, CAPLUS, IFIPAT' ENTERED AT 11:13:43 ON 08 AUG
     2006
                SET MSTEPS ON
L6           10 FILE USPATFULL
L7            1 FILE BIOTECHDS
L8            1 FILE CAPLUS
L9            1 FILE IFIPAT
     TOTAL FOR ALL FILES
L10          13 S L5
L11          11 DUP REM L10 (2 DUPLICATES REMOVED)
                     ANSWERS '1-10' FROM FILE USPATFULL
                     ANSWER '11' FROM FILE BIOTECHDS

=> LOG HOLD
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                   ENTRY    SESSION
FULL ESTIMATED COST                               96.04     124.50
```

10/824237

Freeform Search

Database: US Pre-Grant Publication Full-Text Database; US Patents Full-Text Database; US OCR Full-Text Database; EPO Abstracts Database; JPO Abstracts Database; Derwent World Patents Index; IBM Technical Disclosure Bulletins

Term: L33 AND L5

Display: 30 **Documents in Display Format:** - **Starting with Number** 1

Generate: ○ Hit List ◉ Hit Count ○ Side by Side ○ Image

Search | Clear | Interrupt

Search History

DATE: Tuesday, August 08, 2006 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ			
L34	L33 AND L5	18	L34
L33	HYDROXYCINNAMIC ACID AND L5	18	L33
L32	HYDROXYCARBOXLIC ACID AND L5	0	L32
L31	l1 and host	2	L31
L30	L29 and l5	3	L30
L29	("2053770"|"4865973"|"6368837") and l2	14	L29
L28	L27 and l5	0	L28
L27	("2053770"|"4865973"|"6368837").PN. and l2	2	L27
L26	L25 and L5 adj15 (extract$)	1	L26
L25	(hydroxycinnamic or cinnamic acid) and 435/$.ccls.	2038	L25
L24	L23 and l5	1	L24
L23	l22 and extract$	4	L23
L22	cinnamic acid.clm. and cinnamic acid.ti. and 435/$.ccls.	4	L22
L21	l1 and host and dbe-ib	2	L21
L20	l1 and host	2	L20

10/824237

L19	hydroxystyrene.ti. and biphasic.ti. and hydroxycinnamic.ti.	2	L19
L18	hydroxstyrene.ti. and biphasic.ti. and hydroxycinnamic.ti.	0	L18
L17	Methods.TI. AND preparation.ti. and para-hydroxycinnamic.ti.	1	L17
L16	para-hydroxystyrene.TI. AND multifunctional.TI. AND aromatic.TI. AND compounds fermentation	2	L16
L15	para-hydroxystyrene multifunctional aromatic compounds fermentation	0	L15
L14	Method for producing para-hydroxystyrene and other multifunctional aromatic compounds using two-phase extractive fermentation	0	L14
L13	435/156.ccls. and (p-hydroxystyrene or para hydroxystyrene)	2	L13
L12	435/156.ccls. and (p-hydroxystyrene or para hydroxystyrene) and l5	1	L12
L11	L10 adj25 l5	2	L11
L10	para-hydroxycinnamic acid or cinnamic acid or hydroxystyrene or p-hydroxystyrene or para hydroxystyrene	25088	L10
L9	(para-hydroxycinnamic acid or cinnamic acid or hydroxystyrene or p-hydroxystyrene or para hydroxystyrene) and l8	7	L9
L8	L7 and @pd<20030415	10	L8
L7	L6 and l5 and l2	25	L7
L6	(fermention or culture or ferment or fermentor) and (extract or extraction or extracting)	134907	L6
L5	(diisopentyl ether or n-propyl benzoate or 2-undecanone or dibenzyl ether or 2-tridecanone or 2-decanone or 1-phenyl-1-pentanone or methyl decanoate or 1-undecanol or diisobutyl DBE-IB)	2649	L5
L4	diisopentyl ether, n-propyl benzoate, 2-(undecanone or dibenzyl ether or 2-tridecanone or 2-decanone or 1-phenyl-1-pentanone or methyl decanoate or 1-undecanol or diisobutyl DBE-IB)	3	L4
L3	l1 and diisopentyl ether.clm.	1	L3
L2	para-hydroxycinnamic acid or cinnamic acid or hydroxystyrene or p-hydroxystyrene or para hydroxystyrene or (435/136.ccls. or 435/252.3.ccls. or C12P013/22 or C12P007/40 or C12N001/21)	65810	L2
L1	10/824237	3	L1

END OF SEARCH HISTORY

10/824237

WEST Search History

Hide Items | Restore | Clear | Cancel

DATE: Tuesday, August 08, 2006

Hide?	Set Name	Query	Hit Count
		DB=PGPB,USPT,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ	
☐	L34	L33 AND L5	18
☐	L33	HYDROXYCINNAMIC ACID AND L5	18
☐	L32	HYDROXYCARBOXLIC ACID AND L5	0
☐	L31	l1 and host	2
☐	L30	L29 and l5	3
☐	L29	("2053770"|"4865973"|"6368837") and l2	14
☐	L28	L27 and l5	0
☐	L27	("2053770"|"4865973"|"6368837").PN. and l2	2
☐	L26	L25 and L5 adj15 (extract$)	1
☐	L25	(hydroxycinnamic or cinnamic acid) and 435/$.ccls.	2038
☐	L24	L23 and l5	1
☐	L23	l22 and extract$	4
☐	L22	cinnamic acid.clm. and cinnamic acid.ti. and 435/$.ccls.	4
☐	L21	l1 and host and dbe-ib	2
☐	L20	l1 and host	2
☐	L19	hydroxystyrene.ti. and biphasic.ti. and hydroxycinnamic.ti.	2
☐	L18	hydroxstyrene.ti. and biphasic.ti. and hydroxycinnamic.ti.	0
☐	L17	Methods.TI. AND preparation.ti. and para-hydroxycinnamic.ti.	1
☐	L16	para-hydroxystyrene.TI. AND multifunctional.TI. AND aromatic.TI. AND compounds fermentation	2
☐	L15	para-hydroxystyrene multifunctional aromatic compounds fermentation	0
☐	L14	Method for producing para-hydroxystyrene and other multifunctional aromatic compounds using two-phase extractive fermentation	0
☐	L13	435/156.ccls. and (p-hydroxystyrene or para hydroxystyrene)	2
☐	L12	435/156.ccls. and (p-hydroxystyrene or para hydroxystyrene) and l5	1
☐	L11	L10 adj25 l5	2
☐	L10	para-hydroxycinnamic acid or cinnamic acid or hydroxystyrene or p-hydroxystyrene or para hydroxystyrene	25088
☐	L9	(para-hydroxycinnamic acid or cinnamic acid or hydroxystyrene or p-hydroxystyrene or para hydroxystyrene) and l8	7
☐	L8	L7 and @pd<20030415	10

10/824237

☐	L7	L6 and l5 and l2	25
☐	L6	(fermention or culture or ferment or fermentor) and (extract or extraction or extracting)	134907
☐	L5	(diisopentyl ether or n-propyl benzoate or 2-undecanone or dibenzyl ether or 2-tridecanone or 2-decanone or 1-phenyl-1-pentanone or methyl decanoate or 1-undecanol or diisobutyl DBE-IB)	2649
☐	L4	diisopentyl ether, n-propyl benzoate, 2-(undecanone or dibenzyl ether or 2-tridecanone or 2-decanone or 1-phenyl-1-pentanone or methyl decanoate or 1-undecanol or diisobutyl DBE-IB)	3
☐	L3	l1 and diisopentyl ether.clm.	1
☐	L2	para-hydroxycinnamic acid or cinnamic acid or hydroxystyrene or p-hydroxystyrene or para hydroxystyrene or (435/136.ccls. or 435/252.3.ccls. or C12P013/22 or C12P007/40 or C12N001/21)	65810
☐	L1	10/824237	3

END OF SEARCH HISTORY

PALM Intranet

Application Number [ ] Submit

IDS Flag Clearance for Application 10824237

IDS Information

Content	Mailroom Date	Entry Number	IDS Review	Last Modified	Reviewer
M844	2004-06-01	21	Y ☑	2006-08-08 16:06:54.0	HLilling
Update